

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Addressed to: *Applicant(s)*: Ono et al. *Confirmation No.*: Unassigned  
Commissioner for Patents *Serial No.*: Unassigned *Group Art Unit*: Unassigned  
P.O. Box 1450 *Filed*: June 22, 2006 *Examiner*: Unassigned  
Alexandria, VA 22313-1450  
*Title*: METHOD OF DETECTING THROMBOSIS BY MEASURING VON  
WILLENBRAND FACTOR-CLEAVING PROTEASE

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

This Information Disclosure Statement is being:

- ☒ submitted together with the application being filed herein; or  
☐ submitted for the first time; or  
☐ submitted as a Supplemental Information Disclosure Statement in addition to an Information Disclosure Statement, which was  
☐ filed on \_\_\_\_\_; or  
☐ filed together with the application on \_\_\_\_\_, and such submission is being made:  
☐ under 37 CFR 1.97(b), within three months of filing national application or date of entry of international application, or before mailing date of first office action on the merits, whichever occurs last; or  
☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e); or  
☐ \$180.00 fee under 37 CFR 1.17(p), after the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first; or  
☐ under 37 CFR 1.97(d), filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee, together with a:  
☐ Statement under 37 CFR 1.97(e); and  
☐ \$180.00 fee under 37 CFR 1.17(p);  
☒ and, furthermore, please note that this Information Disclosure Statement is being submitted:  
☒ to disclose references cited in the Search Report in a related foreign application; and  
☐ within 30 days of receipt of the Search Report (see 37 CFR 1.704(d)).  
☐ Comment(s):

Applicant(s) submit herewith an Information Disclosure Citation form listing patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application, and for which there may be a duty to disclose in accordance with 37 CFR 1.56, together with any required copies of the listed references.

It is requested that the information disclosed herein be made of record in this application.

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date of Deposit: June 22, 2006

Erika J. Senska, Esq.

Respectfully submitted,

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| <b>INFORMATION DISCLOSURE CITATION</b> | Docket No 2352.014         | Serial No. <b>104584425</b> Unassigned |
|  | Applicant(s): Ono et al.   | Examiner: Unassigned                   |
|  | Filing Date: June 22, 2006 | GAU: Unassigned                        |

## U.S. PATENT DOCUMENTS

| Examiner Initial | Ref | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|------------------|-----|-----------------|------|------|-------|----------|----------------------------|
|                  |     |                 |      |      |       |          |                            |
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## U.S. PATENT APPLICATION PUBLICATIONS

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|                  |     |                 |      |      |       |          |                            |
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## FOREIGN PATENT DOCUMENTS

| Examiner Initial | Ref | Document Number | Date       | Country | Class | Subclass | Translation |    | Abstract |
|------------------|-----|-----------------|------------|---------|-------|----------|-------------|----|----------|
|                  |     |                 |            |         |       |          | Yes         | No | Yes      |
|                  | CA  | JP 4-029931     | 23.05.1990 | Japan   |       |          |             |    | X        |
|                  | CB  | WO 03/16492 A   | 24.02.2003 | Japan   |       |          |             |    |          |
|                  |     |                 |            |         |       |          |             |    |          |
|                  |     |                 |            |         |       |          |             |    |          |
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|                  |     |                 |            |         |       |          |             |    |          |
|                  |     |                 |            |         |       |          |             |    |          |

## OTHER DOCUMENTS

(Including Author, title, Date, Pertinent Pages, etc.)

|  |    |  |
|--|----|--|
|  | DA | Furlan, M., et al., "Partial Purification and Characterization of a Protease From Human Plasma Cleaving von Willebrand Factor to Fragments Produced by In Vivo Proteolysis", Blood, Vol. 87, pp. 4223-4234 (1996).       |
|  | DB | Gerritsen, H., "Partial Amino acid sequence of purified von Willebrand factor-cleaving protease", Blood, Vol. 98, pp. 1654-1661 (2001).  |
|  | DC | Fujikawa, K., et al., Purification of human von Willebrand factor-cleaving protease an its identification as a new member of the metalloproteinase family", Blood, Vol. 98, pp. 1662-1666 (2001).                        |
|  | DD | Zheng, X., et al., "Structure of von Willebrand factor-cleaving protease (ADAMTS13), a Metalloprotease involved in thrombotic thrombocytopenic Purpura", The Jnl. of Biological Chem., Vol. 276, pp. 41059-41063 (2001). |

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|  | DE | Soejima, K., et al., "A Novel Human Metalloprotease Synthesized in the Liver and Secreted into the Blood: Possibly, the von Willebrand Factor-Cleaving Protease?" The Jnl. of Biological Chem., Vol. 130, pp. 475-480 (2001). |
|  | DF | Levy, C.G., et al., "Mutations in a member of the ADAMTS gene family cause thrombotic thrombocytopenic purpura", Nature, United Kingdom, Vol. 413, pp. 488-494 (2001).  |
|  | DG | Kokame, K., et al., "VWF73, a region from D1596 to R1668 of von Willebrand factor, provides a minimal substrate for ADAMTS-13", Blood, Vol. 103, pp. 607-612, (2004).   |
| EXAMINER:  |    | Date Considered   |
| <b>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</b> |    |   |